

EAST Search History

S4	103	(collaboration adj space) (c adj space) near10 protocol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:23
S5	1	("7051072").PN.	USPAT; USOCR	OR	OFF	2006/06/07 10:51
S6	102	(collaboration adj space) (c adj space) near10 URL near10 protocol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:24
S7	8	((collaboration adj space) (c adj space)) near10 URL near10 protocol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 11:30
S8	1	("6161149").PN.	USPAT; USOCR	OR	OFF	2006/06/07 12:04
S9	2	(collaboration conference chat conversation) near3 (space room section portion area) with protocol with URL	USPAT	OR	OFF	2006/06/07 12:10
S10	2	(collaboration conference chat conversation) near3 (space room section portion area) same protocol with URL	USPAT	OR	OFF	2006/06/07 12:11
S11	67	(collaboration conference chat conversation) near3 (space room section portion area) and protocol with URL	USPAT	OR	OFF	2006/06/07 12:11
S12	38	S11 and @ad<"20000216"	USPAT	OR	OFF	2006/06/07 12:29
S17	4	(conferenc\$3 collaborat\$5) same (use used using utiliz\$5) near6 ((communication business) near10 protocol) same URL and @ad<"20000216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 12:37
S18	39	(conferenc\$3 collaborat\$5) near20 (specif\$3 near10 protocol) and @ad<"20000216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 12:46

EAST Search History

S19	1436	(conferenc\$3 collaborat\$5) with protocol and @ad<"20000216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 12:46
S20	4107	(709/204.ccls.) or (705/37.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/24 00:51
S21	88	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/07 12:47
S22	8	((("5463555") or ("5926798") or ("6073138") or ("6157915") or ("5446842") or ("5983214") or ("5634127") or ("5960404")).PN.	USPAT; USOCR	OR	OFF	2006/06/11 19:43

Set	Items	Description
S1	11949	S COLLABORATION OR COLLABORATE? ? OR COLLABORATING
S2	1913410	S ROOM OR ROOMS OR SPACE OR SPACES
S3	63	S BUSINESS() PROTOCOL? ?
S4	4312	S ROSETTANET OR EDI OR ELECTRONIC() DATA() EXCHANGE OR XOCF OR (XML OR EXTENSIBLE() MARKUP() LANGUAGE) () OPEN() COLLABORATION() PROTOCOL? ?
S5	30921	S URL? ? OR RESOURCE() LOCATOR? ?
S6	6	S S2 (10N) (S3 OR S4) (10N) S5
S7	6	IDPAT (sorted in duplicate/non-duplicate order)
S8	6	IDPAT (primary/non-duplicate records only)
S9	77	S BUSINESS() STANDARD? ?
S10	0	S S2 (10N) S9 (10N) S5
S11	21	S S2 (10N) STANDARD? ? (10N) S5
S12	16	S S11 NOT S8
S13	16	IDPAT (sorted in duplicate/non-duplicate order)
S14	16	IDPAT (primary/non-duplicate records only)
S15	0	S S11 (30N) S1
S16	45638	S (IP OR INTERNET OR NETWORK OR WWW OR WORLDWIDE() WEB OR WEBPAGE? ? OR WEBSITE? ?) (2W) ADDRESS??
S17	21	S S2 (10N) (S3 OR S4 OR STANDARD? ?) (10N) S16
S18	0	S S17 (30N) S1
S19	195606	S CONFERENCE? ? OR TRADE OR TRADING OR ECOMMERCE OR E() COMMERCE
S20	0	S S17 (30N) S19
S21	78168	S (S1 OR SHARE? ? OR TEAM OR TEAMS OR GROUP? ? OR S19 OR CONVERSATION? ? OR CHAT OR CHATTING OR COMMUNICATION? ? OR COMMUNICATING OR EXCHANGING) (3N) (SECTOR? ? OR AREA? ? OR SECTION? ? OR SESSION? ?)
S22	38555	S (S1 OR SHARE? ? OR TEAM OR TEAMS OR GROUP? ? OR S19 OR CONVERSATION? ? OR CHAT OR CHATTING OR COMMUNICATION? ? OR COMMUNICATING OR EXCHANGING) (3N) S2
S23	20	S (S21 OR S22) (10N) (S3 OR S4 OR STANDARD? ?) (10N) (S5 OR S16)
S24	20	S S23 NOT (S8 OR S14)
S25	20	IDPAT (sorted in duplicate/non-duplicate order)
S26	14	IDPAT (primary/non-duplicate records only)

; show files

[File 348] EUROPEAN PATENTS 1978-2007/ 200708

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**File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 349] PCT FULLTEXT 1979-2007/UB=20070329UT=20070322

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**File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

[File 350] Derwent WPIX 1963-2006/UD=IPCR200721

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**File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.dialog.com/dwpi/>.*

8/5K/1 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00828053

CONVERSATION MANAGEMENT SYSTEM FOR ENTERPRISE WIDE ELECTRONIC COLLABORATION

SYSTEME DE GESTION DE DIALOGUES DESTINE A UNE COLLABORATION ELECTRONIQUE A L'ECHELLE D'UNE ENTREPRISE

Patent Applicant/Patent Assignee:

- **BEA SYSTEMS INC;** 2315 North First Street, San Jose, CA 95131
US; US(Residence); US(Nationality)

Legal Representative:

- **MEYER Sheldon R(et al)(agent)**
Fliesler Dubb Meyer and Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156;
US;

	Country	Number	Kind	Date
Patent	WO	200161596	A1	20010823
Application	WO	2001US40139		20010216
Priorities	US	2000183067		20000216
	US	2000258804		20001229

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/60	Main

Publication Language: English

Filing Language: English

Fulltext word count: 16810

English Abstract:

An enterprise wide electronic commerce system allows trading partners to act as participants in a complex trading process. Participants communicate with one another by joining conversations that are hosted in a collaboration space and managed by a collaboration hub. In this manner, the enterprise workflow may have an effect on, or be affected by, local workflows. The invention provides a conversation management system for enterprise wide electronic collaboration. The conversation is first started or initiated (234) by an initiator (232). The conversation then enters an active phase (236). A conversation may end by any of three means - either the conversation is aborted (238), perhaps due to error, or a change in conversation criteria; timed-out (240) due to the conversation period extending beyond its scheduled timeframe; or terminated due to the conversation having achieved its end result (242). An embodiment of the invention includes a conversation manager for managing the flow of messages in a collaboration system, comprising a conversation initiation mechanism for initiating a conversation a participation registration mechanism for registering participants in a conversation, and a conversation repository for storing conversation management data.

French Abstract:

Ce systeme de commerce electronique a l'echelle d'une entreprise permet a des partenaires commerciaux d'agir en tant que participants dans un processus commercial complexe. Des participants communiquent les uns avec les autres, par connexion de dialogues heberges dans un espace de collaboration et geres par un centre de collaboration. Ainsi, la gestion de procedure d'entreprise peut exercer un effet sur les flux de production locaux, ou etre affectee par ceux-ci. L'invention concerne un systeme de gestion de dialogues, destine a une collaboration electronique a l'echelle de l'entreprise. Dans un mode de realisation de l'invention, un gestionnaire de dialogues sert a gerer le flux de messages, dans un systeme de collaboration, et il comprend un mecanisme de demarrage de dialogue servant a demarrer un dialogue, un mecanisme d'enregistrement de participation servant a enregistrer des participants a un dialogue, ainsi qu'un entrepot des dialogues servant a conserver des donnees de gestion de dialogues.

Type	Pub. Date	Kind	Text
Publication	20010823	A1	With international search report.
Publication	20010823	A1	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20011213		Request for preliminary examination prior to end of 19th month from priority date
Correction	20020228		Corrected version of Pamphlet front pages:
Republication	20020228	A1	With international search report.

Detailed Description:

...through the c-hub.

Protocol Plug-ins: An extended type of Logic Plug-in is a "business protocol plug-in", which provides support for various **business protocols** other than the out-of-the-box **XOCP** support such as the **RosettaNet** router.

URLs for c-spaces: To support the use of c-spaces by non- **XOCP**

business protocols, in one embodiment all c- **spaces** require a unique URL per business protocol supported by that c- **space**. This allows the c-hub to unambiguously identify the proper c-space and business protocol of incoming messages.

RosettaNet Protocol Plug-in: A special business protocol plug... ..28 The C-hub Transport 194.

The incoming message is read and routed to an appropriate decoder chain based on the message protocol (e.g.: **XOCP**, **RosettaNet**, cXML, etc.).

In one embodiment, that defines c-**spaces** in terms of URL's, the URL on which the message is received serves to identify both the protocol being used and the destination c-space.

2. The Decoder chain 196.

Any ...that caused the original abort message. If the entire conversation was aborted, then there may be no conversation for the compensating participant to join.

- 36

URL Accessible C-spaces

C-spaces are useful, but generally XOCP-specific, concept. Most existing standard **business protocols** like **RosettaNet** and cXML do not use the concept of c-spaces or partitioning. Many of these protocols are point-to-point oriented, and do not even... ..embodiments of the invention preserve the c-space concept for XOCP, and introduce it for non-XOCP business protocols. In order to identify a particular c-**space** and a business protocol, each c-**space** /business-protocol combination may have a unique uniform resource locator (URL). A client can use this URL in order to access a particular c-space using a particular business protocol. This also allows a single c-**space** to support multiple **business protocols** by using multiple URLs .

A c-**space** might have more than one URL to help identify special additional processing that may be required to support multiple **business protocols** or to handle variations in **business protocol** implementations. For example, a c- **space** may have a RosettaNet orientation, but participants may be using RosettaNet implementations from different vendors. Variations in the different implementations can affect how the... ..then be routed to the specific Decoder that knows exactly how to handle the type of message being received.

- 37

Through the use of different URLs, a single c-**space** can support multiple protocols. These protocols can be quite dissimilar (e.g.: **RosettaNet** and **XOCP**).

Collaboration Enabler

In accordance with one embodiment of the invention a Collaboration Enabler (c-enabler) is a lightweight, readily downloadable software that enables a trading partner to participate in a c-space. A trading partner must ... This indicates the 10 type of information

required to configure the c-hub in order to provide support for multiple protocols within a c- space, URLs for protocols, and Logic Plug-ins. This information may include the c-hub 510, the c-space 512, the business protocol used 514, the ...portion of the message itself 530.

The fields used in one embodiment of the invention include the following.

//c-hub/cspace/business-protocol.

Each c- space supports one or more identified business protocols. The name is a logical name for a protocol defined in the **Business Protocol Def.**

//c-hub/cspace/business- protocol@url.

Each **business protocol** must specify a **URL** to be used to connect to the decoder for that c- space.

//c-hub/business-protocol-def.

- 44 The definition of a business protocol that is used in one or more c-spaces.

//c-hub/business-protocol-def/decoder.

This specifies...

8/5K/2 (Item 2 from file: 349) [Links](#)

PCT FULLTEXT

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00828052

WORKFLOW INTEGRATION SYSTEM FOR ENTERPRISE WIDE ELECTRONIC COLLABORATION
SYSTEME D'INTEGRATION DE FLUX DE TRAVAUX PERMETTANT UNE COLLABORATION
ELECTRONIQUE A GRANDE ECHELLE ENTRE ENTREPRISES

Patent Applicant/Patent Assignee:

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Legal Representative:

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Fliesler Dubb Meyer and Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156;
US;

	Country	Number	Kind	Date
Patent	WO	200161595	A1	20010823
Application	WO	2001US40138		20010216
Priorities	US	2000183067		20000216
	US	2000258804		20001229

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/60	Main
G06F-013/00	

Publication Language: English

Filing Language: English

Fulltext word count: 16567

English Abstract:

An enterprise wide electronic commerce system (Fig. 5) allows trading partners (134, 136, 138, Fig. 5) to act as participants in a complex trading process. Participants communicate with one another by joining conversations that are hosted in a collaboration space and managed by a collaboration hub (132, Fig. 5). In this manner, the enterprise workflow may have an effect on, or be affected by, local workflows. That is, they may share information and interact with one another.

French Abstract:

La presente invention concerne un systeme de commerce electronique a grande echelle entre entreprises permettant a des partenaires commerciaux (134, 136, 138) d'agir en tant que participants dans un processus commercial complexe. Les participants communiquent entre eux en se joignant a des conversations hebergees par un espace de collaboration et gerees par une station pivot (132). Ainsi, le flux de travaux d'une entreprise peut agir sur les flux des travaux locaux ou etre affecte par ceux-ci, autrement dit, ces entreprises peuvent partager des informations et interagir entre elles.

Type	Pub. Date	Kind	Text
Publication	20010823	A1	With international search report.
Publication	20010823	A1	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20011213		Request for preliminary examination prior to end of 19th month from priority date

Detailed Description:

...through the c-hub.

Protocol Plug-ins: An extended type of Logic Plug-In is a "business protocol plug-in", which provides support for various **business protocols** other than the out-of-the-box **XOCP** support such as the **RosettaNet** router.

URLs for c-spaces: To support the use of **c-spaces** by non- **XOCP business protocols**, in one embodiment all **c- spaces** require a unique URL per business protocol supported by that **c- space**. This allows the c-hub to unambiguously identify the proper c-space and business protocol of incoming messages.

RosettaNet Protocol Plug-in: A special business protocol plug... ..28 The C-hub Transport 194.

The incoming message is read and routed to an appropriate decoder chain based on the message protocol (e.g.: **XOCP**, **RosettaNet**, cXML, etc.).

In one embodiment, that defines **c-spaces** in terms of URL's, the URL on which the message is received serves to identify both the protocol being used and the destination c-space.

2. The Decoder chain 196.

Any ...that caused the original abort message. If the entire conversation was aborted, then there may be no conversation for the compensating participant to join.

- 36

URL Accessible C-spaces

C-spaces are useful, but general[y] XOCP-specific, concept. Most existing standard **business protocols** like **RosettaNet** and **cXML** do not use the concept of c-spaces or partitioning. Many of these protocols are point-to-point oriented, and do not even... ..embodiments of the invention preserve the c-space concept for XOCP, and introduce it for non-XOCP business protocols. In order identify a particular c-space and a business protocol, each c-space /business-protocol combination may have a unique 1 0 uniform resource locator (URL). A client can use this URL in order to access a particular c-space using a particular business protocol. This also allows a single c-space to support multiple **business protocols** by using multiple **URLs**.

A c-space might have more than one **URL** to help identify special additional processing that may be required to support multiple business 1 5 protocols or to handle variations in business protocol implementations. For example, a c-space may have a **RosettaNet** orientation, but participants may be using **RosettaNet**... ..then be routed to the specific Decoder that knows exactly how to handle the type of message being received.

- 37

Through the use of different **URLs**, a single c-space can support multiple protocols. These protocols can be quite dissimilar (e.g.: **RosettaNet** and **XOCP**).

Collaboration Enabler

In accordance with one embodiment of the invention a Collaboration Enabler (c-enabler) is a lightweight, readily downloadable software that enables a trading...oriented. This indicates the 1 0 type of information required to configure the c-hub in order to provide support for multiple protocols within a c- **space**, **URLs** for protocols, and Logic Plug-ins. This information may include the c-hub 51 0, the c-**space** 512, the **business protocol** used 514, the conversation identifier 516, the sender identifier 518, the trading partner identifiers 520, 524, together with any extended property sets 522, 526, the... ..portion of the message itself 530.

The fields used in one embodiment of the invention include the following.

//c-hub/cspace/business-protocol.

Each **c-space** supports one or more identified business protocols. The name is a logical name for a protocol defined in the **Business Protocol Def.**

//c-hub/cspace/**business-protocol**@url.

Each **business protocol** must specify a **URL** to be used to connect to the decoder for that **c-space**.

//c-hub/business-protocol-def.

The definition of a **business protocol** that is used in one or more **c-spaces**.

//c-hub/business-protocol-def/decoder.

This specifies the chain of decoders to be used when processing a message. These are logical names for Logic...

8/5K/3 (Item 3 from file: 349) [Links](#)

PCT FULLTEXT

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00828011

PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC COLLABORATION
SYSTEME DE PLAQUE TOURNANTE ENFICHABLE DESTINE A LA COLLABORATION ELECTRONIQUE
ETENDUE D'ENTREPRISE

Patent Applicant/Patent Assignee:

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Legal Representative:

- **MEYER Sheldon R(et al)(agent)**
Fliesler Dubb Meyer and Lovejoy LLP, Four Embarcadero Center, Suite 400, San Francisco, CA 94111-4156;
US;

	Country	Number	Kind	Date
Patent	WO	200161545	A1	20010823
Application	WO	2001US5011		20010216
Priorities	US	2000183067		20000216
	US	2000258804		20001229

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/00	Main

Publication Language: English

Filing Language: English

Fulltext word count: 16604

English Abstract:

An enterprise wide electronic commerce system allows trading partners to act as participants in a complex trading process. Participants communicate with one another by joining conversations that are hosted in a collaboration space and managed by a collaboration hub. In this manner, the enterprise workflow may have an effect on, or be affected by, local workflows. The invention provides a pluggable hub system for enterprise wide electronic collaboration. An embodiment of the invention includes a collaboration hub for use with a collaboration system, comprising a hub transport for receiving messages (172) from participants and sending messages (188) to participants, a hub router (182) for routing messages (172) from a first participant to a second participant, a hub scheduler (178) for scheduling the flow of messages between the hub router and the hub transport (174), a conversation manager (190) for managing the flow of messages between participants, and a repository (192) for storing conversation management data.

French Abstract:

L'invention concerne un systeme de commerce electronique etendu d'entreprise permettant a des partenaires commerciaux d'agir en tant que participants dans un procede d'echange complexe. Les participants communiquent entre eux en reunissant les conversations qui sont hebergees dans un espace de collaboration et qui sont traitees par une plaque tournante de collaboration. Ainsi, le deroulement du travail de l'entreprise peut avoir un effet sur les deroulements de travaux locaux ou etre affecte par ces derniers. Cette invention fournit un systeme de plaque tournante enfichable destine au commerce electronique etendu d'entreprise. Un mode de realisation de l'invention comprend une plaque tournante de collaboration destinee a etre utilisee avec un systeme de collaboration, comprenant un dispositif de transport permettant de recevoir des messages (172) provenant de participants et d'envoyer des messages (188) a des participants, un routeur de plaque tournante (182) destine a acheminer les messages (172) depuis un premier participant vers un second participant, un programmeur de plaque tournante (178) destine a programmer le flux de messages entre le routeur et le dispositif de transport (174), un gestionnaire de conversation (190) destine a gerer le flux de messages entre les participants, et un organe d'archivage (192) destine a stocker les donnees de gestion de conversation.

Type	Pub. Date	Kind	Text
Publication	20010823	A1	With international search report.
Examination	20011025		Request for preliminary examination prior to end of 19th month from priority date
Correction	20021024		Corrected version of Pamphlet:
Republication	20021024	A1	With international search report.

Detailed Description:

...through the c-hub.

Protocol Plug-ins: An extended type of Logic Plug-In is a "business protocol plug-in", which provides support for various **business protocols** other than the out-of-the-box **XOCP** support such as the **RosettaNet** router.

URLs for c-spaces: To support the use of c-spaces by non- **XOCP** **business protocols**, in one embodiment all c- spaces require a unique

URL per business protocols supported by that c-space. This allows the c-hub to unambiguously identify the proper c-space and business protocol of incoming messages.

RosettaNet Protocol Plug-in: A special business protocol plug... 1 The C-hub Transport 194.

The incoming message is read and routed to an appropriate decoder chain based on the message protocol (e.g.: **XOCP**, **RosettaNet**, **cXML**, etc.).

In one embodiment, that defines c-spaces in terms of URL's, the URL on which the message is received serves to identify both the protocol being used 1 0 and the destination c-space.

2. The Decoder chain... reasons that caused the original abort message. If the entire conversation was aborted, then there may be no conversation for the compensating participant to join.

URL Accessible C- spaces

C-spaces are useful, but generally XOCP-specific, concept. Most existing standard business protocols like **RosettaNet** and **cXML** do not use the concept of c-spaces or partitioning. Many of these protocols are point-to-point oriented, and do not even have the concept of multi-cast. To increase accessibility and ease of integration, embodiments of the invention preserve the c-space concept for XOCP, and introduce it for non-XOCP business protocols. In order to identify a particular c-space and a business protocol, each c-space /business-protocol combination may have a unique 1 0 uniform resource locator (URL). A client can use this URL in order to access a particular c-space using a particular business protocol. This also allows a

single c-space to support multiple business protocols by using multiple URLs.

A c-space might have more than one URL to help identify special additional processing that may be required to support multiple business protocols or to handle variations in business protocol implementations. For example, a c-space may have a **RosettaNet** orientation... can then be routed to the specific Decoder that knows exactly how to handle the type of message being received.

Through the use of different URLs, a single c-space can support multiple protocols. These protocols can be quite dissimilar (e.g.: **RosettaNet** and **XOCP**).

Collaboration Enabler

In accordance with one embodiment of the invention a Collaboration Enabler (c-enabler) is a lightweight, readily downloadable software that enables a trading partner to participate in a c-space. A trading partner must ... This indicates the 1 0 type of information required to configure the c-hub in order to provide support for multiple protocols within a c-space, URLs for protocols, and Logic Plug-Ins. This information may include the c-hub 510, the c-space 512, the business protocol used 514, the conversation identifier 516, the sender

identifier 518, the trading partner identifiers 520, 524, together with any extended property sets 522, 526, the... portion of the message itself 530.

The fields used in one embodiment of the invention include the following.

//c-hub/cspace/business-protocol.

Each c-space supports one or more identified business protocols. The name is a logical name for a protocol defined in the **Business Protocol Def.**

//c-hub/cspace/business-protocol@url.

Each **business protocol** must specify a **URL** to be used to connect to the decoder for that c-space.

//c-hub/business-protocol-def.

- 44 The definition of a business protocol that is used in one or more c-spaces.

//c-hub/business-protocol-def/decoder.

This specifies...

8/5K/4 (Item 4 from file: 349) [Links](#)

PCT FULLTEXT

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00828010

OPEN MARKET COLLABORATION SYSTEM FOR ENTERPRISE WIDE ELECTRONIC COMMERCE
SYSTEME DE COLLABORATION DE MARCHÉ LIBRE POUR COMMERCE ELECTRONIQUE ETENDU
D'ENTREPRISE

Patent Applicant/Patent Assignee:

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US; US(Residence); US(Nationality)

Legal Representative:

- **MEYER Sheldon R(et al)(agent)**
Fliesler Dubb Meyer and Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156;
US;

	Country	Number	Kind	Date
Patent	WO	200161544	A1	20010823
Application	WO	2001US5010		20010216
Priorities	US	2000183067		20000216
	US	2000258804		20001229

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/00	Main

Publication Language: English

Filing Language: English

Fulltext word count: 16342

English Abstract:

An enterprise wide electronic commerce system allows trading partners (134, 136, 138) to act as participants in a complex trading process. Participants communicate with one another by joining conversations that are hosted in a collaboration space (156) and managed by a collaboration hub (154). In this manner, the enterprise workflow may have an effect on, or be affected by, local workflows. The invention provides an open market collaboration system for enterprise wide electronic commerce. An embodiment of the invention includes a collaboration system that allows the exchange of data between participants in an electronic commerce environment, comprising a collaboration hub (154) for the transfer of data between participants, a collaboration space (156) defining the rules governing said transfer of data and the role of said participants, and a hub transport that allows a participant to send and receive data from the collaboration hub (154) in accordance with the definitions of the collaboration space (156).

French Abstract:

L'invention concerne un systeme de commerce electronique etendu d'entreprise permettant a des partenaires commerciaux (134, 136, 138) d'agir en tant que participants dans un procede d'echange complexe. Les participants communiquent entre eux en reunissant les conversations qui sont hebergees dans un espace de collaboration (156) et qui sont traitees par une plaque tournante de collaboration (154). Ainsi, le deroulement du travail de l'entreprise peut avoir un effet sur les deroulements de travaux locaux ou etre affecte par ces derniers. Cette invention fournit un systeme de collaboration de marche libre destine au commerce electronique etendu d'entreprise. Un mode de realisation de l'invention comprend un systeme de collaboration permettant l'echange de donnees entre les participants dans un environnement de commerce electronique, comprenant une plaque tournante de collaboration (154) destinee au transfert de donnees entre les participants, un espace de collaboration (156) permettant de definir les regles regissant ledit transfert de donnees et le role desdits participants, et un dispositif de transport permettant a un participant d'envoyer et de recevoir des donnees provenant d'une plaque tournante de collaboration (154) en fonction des regles regissant l'espace de collaboration (156).

Type	Pub. Date	Kind	Text
Publication	20010823	A1	With international search report.
Examination	20020321		Request for preliminary examination prior to end of 19th month from priority date
Correction	20021024		Corrected version of Pamphlet:
Republication	20021024	A1	With international search report.

Detailed Description:

...through the c-hub.

Protocol Plug-ins: An extended type of Logic Plug-In is a "business protocol plug-in", which provides support for various **business protocols** other than the out-of-the-box **XOCP** support such as the **RosettaNet** router.

URLs for c-spaces: To support the use of c-spaces by non- **XOCP business protocols**, in one embodiment all c- spaces require a unique

URLperbusinessprotocoisupportedbythatc-space. Thisallowsthe

c-hub to unambiguously identify the proper c-space and business protocol of incoming messages.

RosettaNet Protocol Plug-in: A special business protocol plug... 1 The C-hub Transport 194.

The incoming message is read and routed to an appropriate decoder chain based on the message protocol (e.g.: **XOCP**, **RosettaNet**, **cXML**, etc.).

In one embodiment, that defines c-spaces in terms of URL's, the URL on which the message is received serves to identify both the protocol being used and the destination c-space.

2. The Decoder chain 196.

Any ...reasons that caused the original abort message. If the entire conversation was aborted, then there may be no conversation for the compensating participant to join.

URL Accessible C- spaces

C-spaces are useful, but generally XOCP-specific, concept. Most existing standard business protocols like **RosettaNet** and **cXML** do not use the concept of c-spaces or partitioning. Many of these protocols are point-to-point oriented, and do not even have the concept of multi-cast. To increase accessibility and ease of integration, embodiments of the invention preserve the c- space concept for XOCP, and introduce it for non-XOCP business protocols. In order to identify a particular c-space and a business protocol, each c-space/business-protocol combination may have a unique uniform resource locator (URL). A client can use this URL in order to access a particular c-space using a particular business protocol. This also allows a single c-space to support multiple business protocols by using multiple URLs.

A c- space might have more than one URL to help identify special additional processing that may be required to support multiple business protocols or to handle variations in business protocol implementations. For example, a c-space may have a RosettaNet orientation... then be routed to the specific Decoder that knows exactly how to handle the type of message being received.

- 37

Through the use of different URLs, a single c-space can support multiple protocols. These protocols can be quite dissimilar (e.g.: **RosettaNet** and **XOCP**).

Collaboration Enabler

In accordance with one embodiment of the invention a Collaboration Enabler (c-enabler) is a lightweight, readily downloadable software that enables a trading partner to participate in a c-space. A trading partner must ...oriented. This indicates the 1 0 type of information required to configure the c-hub in order to provide support for multiple protocols within a c-space, URLs for protocols, and Logic Plug-ins. This information may include the c-hub 51 0, the c-space 512, the

business protocol used 514, the conversation identifier 516, the sender identifier 518, the trading partner identifiers 520, 524, together with any extended property sets 522, 526, the... ..portion of the message itself 530.

The fields used in one embodiment of the invention include the following.

//c-hub/cspace/business-protocol.

Each **c-space** supports one or more identified business protocols. The name is a logical name for a protocol defined in the **Business Protocol Def**.

//c-hub/cspace/**business-protocol**@ url.

Each **business protocol** must specify a **URL** to be used to connect to the decoder for that **c-space** .

//c-hub/**business-protocol-def**.

The definition of a **business protocol** that is used in one or more **c- spaces**.

//c-hub/business-protocol-def/decoder.

This specifies the chain of decoders to be used when processing a message. These are logical names for Logic..

8/5K/5 (Item 5 from file: 349) [Links](#)

PCT FULLTEXT

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00828008

MESSAGE ROUTING SYSTEM FOR ENTERPRISE WIDE ELECTRONIC COLLABORATION
SYSTEME DE ROUTAGE DE MESSAGES POUR UNE COLLABORATION ELECTRONIQUE A L'ECHELLE
DES ENTREPRISES

Patent Applicant/Patent Assignee:

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Legal Representative:

- **MEYER Sheldon R(et al)(agent)**
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US;

	Country	Number	Kind	Date
Patent	WO	200161542	A1	20010823
Application	WO	2001US4913		20010216
Priorities	US	2000183067		20000216
	US	2000258804		20001229

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/00	Main

Publication Language: English

Filing Language: English

Fulltext word count: 16419

English Abstract:

An enterprise wide electronic commerce system allows trading partners (134, 136, 138) to act as participants in a complex trading process. Participants communicate with one another by joining conversations that are hosted in a collaboration space and managed by a collaboration hub (132). An embodiment of the invention includes a message routing mechanism for a collaboration system, comprising a collaboration hub (132) hosting a collaboration space capable of receiving and sending messages between participants, and a messaging protocol that allows the collaboration hub (132) to determine the status of a conversation and its participants.

French Abstract:

L'invention concerne un systeme de commerce electronique a l'echelle des entreprises, qui permet a des partenaires (134, 136, 138) commerciaux de participer a un processus commercial complexe. Les participants communiquent en prenant part a des conversations hebergees dans un espace de collaboration et gerees par un concentrateur (132) de collaboration. Dans une forme de realisation, l'invention comprend un dispositif de routage de messages pour systeme de collaboration, qui comporte un concentrateur (132) de collaboration hebergeant un espace de collaboration capable de recevoir et d'envoyer des messages entre participants ; et un protocole de messagerie qui permet a un concentrateur (132) de collaboration de determiner l'etat d'une conversation ainsi que ses participants.

Type	Pub. Date	Kind	Text
Publication	20010823	A1	With international search report.
Examination	20011115		Request for preliminary examination prior to end of 19th month from priority date

Detailed Description:

...through the c-hub.

Protocol Plug-ins: An extended type of Logic Plug-In is a "business protocol plug-in", which provides support for various **business protocols** other than the out-of-the-box **XOCP** support such as the **RosettaNet** router.

URLs for c-spaces: To support the use of c-spaces by non- **XOCP business protocols**, in one embodiment all c- spaces require a unique URL per business protocol supported by that c- space. This allows the c-hub to unambiguously identify the proper c-space and business protocol of incoming messages.

RosettaNet Protocol Plug-in: A special business protocol plug... ..28 The C-hub Transport 194.

The incoming message is read and routed to an appropriate decoder chain based on the message protocol (e.g.: **XOCP**, **RosettaNet**, cXML, etc.).

In one embodiment, that defines c-spaces in terms of URL's, the URL on which the message is received serves to identify both the protocol being used and the destination c-space.

2. The Decoder chain 196.

Any ...that caused the original abort message. If the entire conversation was aborted, then there may be no conversation for the compensating participant to join.

- 36

URL Accessible C-spaces

C-spaces are a useful, but generally XOCP-specific, concept. Most existing standard **business protocols** like **RosettaNet** and **cXML** do not use the concept of c-spaces or partitioning. Many of these protocols are point-to-point oriented, and do not even have the concept of multi-cast. To increase accessibility and ease of integration, embodiments of the invention preserve the **c-space** concept for XOCP, and introduce it for non-XOCP business protocols. In order to identify a particular c-space and a business **protocol**, each c-space/**business-protocol** combination may have a unique **1 0 uniform resource locator (URL)**. A client can use this **URL** in order to access a particular c-space using a particular business protocol. This also allows a single c-space to support multiple **business protocols** by using multiple **URLs**.

A c-space might have more than one **URL** to help identify special additional processing that may be required to support multiple **business protocols** or to handle variations in **business protocol** implementations. For example, a **c-space** may have a **RosettaNet** orientation, but participants may be using **RosettaNet** implementations from different vendors. Variations in the different implementations can affect how the decoder needs to process the information for routing purposes. One way to handle such a situation is to have a single decoder try to apply some heuristic to determine from which protocol variation a message is being received, and then process the... can then be routed to the specific Decoder that knows exactly how to handle the type of message being received.

Through the use of different **URLs**, a single **c-space** can support multiple protocols. These protocols can be quite dissimilar (e.g.: **RosettaNet** and **XOCP**).

Collaboration Enabler

In accordance with one embodiment of the invention a Collaboration Enabler (c-enabler) is a lightweight, readily downloadable software that enables a trading partner to participate in a c-space. A trading partner must ... This indicates the **1 0** type of information required to configure the c-hub in order to provide support for multiple protocols within a **c-space**, **URLs** for protocols, and Logic Plug-ins. This information may include the c-hub **51 0**, the **c-space 512**, the **business protocol** used **514**, the conversation identifier **516**, the sender identifier **518**, the trading partner identifiers **520**, **524**, together with any **1 5** extended property sets **522**... portion of the message itself **530**.

The fields used in one embodiment of the invention include the following.

//c-hub/cspace/business-protocol.

Each **c-space** supports one or more identified **business protocols**. The name is a logical name for a protocol defined in the **Business Protocol Def.**

//c-hub/cspace/business-protocol@ url.

Each **business protocol** must specify a **URL** to be used to connect to the decoder for that **c-space**.

//c-hub/business-protocol-def.

- 44 The definition of a business protocol that is used in one or more c-spaces.

//c-hub/business-protocol...

8/5K/6 (Item 6 from file: 349) Links

PCT FULLTEXT

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00803948

METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS AND CONSUMERS

PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES VENDEURS ET DES CONSOMMATEURS

Patent Applicant/Patent Assignee:

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- **PERKOWSKI Thomas J**; 10 Waldon Road, Darien, CT 06820
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(Designated only for: US)

Patent Applicant/Inventor:

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10 Waldon Road, Darien, CT 06820; US; US(Residence); US(Nationality); (Designated only for: US)

Legal Representative:

- **PERKOWSKI Thomas J(agent)**
Thomas J. Perkowski, P.C., Soundview Plaza, 1266 East Main Street, Stamford, CT 06902; US;

	Country	Number	Kind	Date
Patent	WO	200137540	A2-A3	20010525
Application	WO	2000US31757		20001117
Priorities	US	99441973		19991117
	US	99447121		19991122
	US	99465859		19991217
	US	2000483105		20000114
	US	2000599690		20000622
	US	2000641908		20000818
	US	2000695744		20001024

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;

MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/60	Main
G06F-015/16	
G09G-005/00	

Publication Language: English

Filing Language: English

Fulltext word count: 116871

English Abstract:

An integrated consumer product marketing and information system which enables manufacturers, retailers, and consumers to carry out product-related functions: an internet product information subsystem (2) delivers information to interested consumers, using universal product code information in particular (3); product advertising is delivered to consumers (2A) within physical and electronic shopping environments; a sales analysis and forecasting subsystem (5) enables retailer purchasing agents to make obtain information about manufacturers' products in order to make informed purchases along the supply chain.

French Abstract:

L'invention concerne un systeme integre de maniere fonctionnelle et un procede de commercialisation, de distribution et d'education/information de produits de consommation, qui permettent a des fabricants, a des revendeurs, a leurs agents respectifs et aux consommateurs d'accomplir quatre fonctions fondamentales associees au produit du cote de la demande du circuit de detail, a savoir : permettre aux responsables du commercialisation, de la marque et/ou du produit de creer et de gerer une image de marque composee pour chaque bien de consommation a la vente aussi bien sur le marche physique qu'electronique, a permettre aux fabricants, aux revendeurs et a leurs agents publicitaires et de commercialisation de montrer a des consommateurs des publicites relatives aux biens de consommation, dans un point de vente ou a proximite de ce dernier dans les environnements de commerce au detail aussi bien physique qu'electronique, de facon a garantir que l'image de marque voulue du fabricant soit diffusee et, parallelement, que la demande du produit soit influencee positivement. Le systeme et le procede permettent en outre aux revendeurs, aux fabricants et a leurs agents publicitaires et de commercialisation de promouvoir les produits de consommation aupres des consommateurs dans des environnements de commerce au detail aussi bien physique qu'electronique afin d'influencer positivement (c'est-a-dire de reduire) l'offre de ces produits dans les stocks et de promouvoir les ventes et les profits. Le systeme et le procede permettent aussi aux consommateurs de demander et d'obtenir des informations fiables concernant un produit d'un fabricant afin d'effectuer des achats en toute connaissance de cause du cote de la demande du circuit du detail, tout en permettant a des acheteurs au detail de demander et d'obtenir des informations fiables concernant un produit d'un fabricant afin d'effectuer des achats en toute connaissance de cause du cote de l'offre, influencant ainsi la demande du produit de maniere positive.

Publication Type	Pub Date	Kind	Text
	2008-05-23	A2	Without international search report and to be

			republished upon receipt of that report.
Search Rpt	20020926		Late publication of international search report
Republication	20020926	A3	With international search report.
Republication	20020926	A3	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20030313		Request for preliminary examination prior to end of 19th month from priority date

Claims:

...13 is a block schematic diagram of the Internet-based system of the present invention comprising a plurality of manufacturer-operated client machines equipped with **EDI**-enabled UPN/TM/PD/URL management RDBMS software for (1) collectingPage 76Page 77Page 78Page 79Page 80Page 81Page 82Page 83Page 84Page...by the Applet are loaded from the Codebase Directory as well. WIDTH and HEIGHT are attributes that tell the Java-enabled Web browser to reserve **space** in the document display before the Java code is loaded ("x" pixels wide by 'Y' pixels high), similar to the way browsers deal with images...

14/5K/10 (Item 10 from file: 349) [Links](#)

PCT FULLTEXT

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00806384

NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND METHOD THEREOF

GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE

Patent Applicant/Patent Assignee:

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Legal Representative:

- **HICKMAN Paul L(agent)**
Oppenheimer Wolff & Donnelly, LLP, 38th Floor, 2029 Century Park East, Los Angeles, CA 90067-3024; US;

	Country	Number	Kind	Date
Patent	WO	200139030	A2	20010531
Application	WO	2000US32324		20001122
Priorities	US	99444775		19991122
	US	99447621		19991122

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G06F-017/60	Main

Publication Language: English

Filing Language: English

Fulltext word count: 171499

English Abstract:

French Abstract:

Type	Pub. Date	Kind	Text
Publication	20010531	A2	Without international search report and to be republished upon receipt of that report.
Examination	20010913		Request for preliminary examination prior to end of 19th month from priority date
Declaration	20021024		Late publication under Article 17.2a
Republication	20021024	A2	With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

26/5K/7 (Item 7 from file: 349) [Links](#)

PCT FULLTEXT

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00753852

SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR INTEGRATING PRODUCTION INFORMATION INTO A GOAL BASED EDUCATIONAL SYSTEM

SYSTEME, PROCEDE ET ARTICLE DESTINES A INTEGRER DES DONNEES DE PRODUCTION DANS UN SYSTEME EDUCATIF VISANT UN OBJECTIF

Patent Applicant/Patent Assignee:

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NL; US(Residence); US(Nationality)

Legal Representative:

- **STEPHENS L Keith**
Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746; US;

	Country	Number	Kind	Date
Patent	WO	200067236	A1	20001109
Application	WO	2000US12512		20000505
Priorities	US	99305930		19990505

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G09B-019/18	Main

Publication Language: English

Filing Language: English

Fulltext word count: 59699

English Abstract:

A system is disclosed that provides a goal based learning system utilizing a rule based expert training system to provide a cognitive educational experience. The system provides the user with a simulated environment that presents a training opportunity to understand and solve optimally. The system establishes a goal directed educational system utilizing information from a production system that generates educational goals based on the production system and connects up one or more users to the server and the production system wherein the production system provides current information. The system integrates the production information into a simulation engine utilizing a system dynamics engine and generates information that motivates accomplishment of the goal. The system evaluates progress toward the goal based on aspects of the production system utilizing the system dynamics engine, anticipated results and provides feedback that further motivates accomplishment of the goal, and adjusts the feedback based on the one or more user's progress toward the goal.

French Abstract:

L'invention concerne un systeme fournissant un systeme d'apprentissage base sur un objectif, utilisant un systeme de formation expert base sur des regles, afin de fournir une experience educative cognitive. Le systeme fournit a l'utilisateur un environnement simule, presentant une opportunit  de formation a comprendre et a resoudre de maniere optimale. Le systeme definit un systeme educatif visant un objectif et utilisant des donnees d'un systeme de production, generant des objectifs educatifs bases sur le systeme de production, et connecte un ou plusieurs utilisateurs au serveur et au systeme de production qui fournit des donnees actuelles. Le systeme integre les donnees de production dans un dispositif de simulation, utilisant un moteur dynamique, et genere des donnees motivant la realisation de l'objectif. Le systeme evalue les progres en direction de l'objectif en fonction d'aspects du systeme de production utilisant le moteur dynamique du systeme, et des resultats prevus, puis genere une retroaction motivant encore plus la realisation de l'objectif, et ajuste la retroaction en fonction des progres du ou des utilisateurs en direction de l'objectif.

Type	Pub. Date	Kind	Text
Publication	20001109	A1	With international search report.
Examination	20010222		Request for preliminary examination prior to end of 19th month from priority date

Detailed Description:

...Protocol connection is established for two or more users. The connection is initiated by a user selecting another user's icon with information defining the **IP address** associated with the user.

The two **IP addresses** are connected utilizing H.323 for audio or video teleconferencing or T. 120 for application sharing, whiteboarding and **chat room** support.

The T. 120 **standard** contains a series of communication and application protocols and services that provide support for real-time, multipoint data communications. These multipoint facilities

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Broad in...

26/5K/8 (Item 8 from file: 349) [Links](#)

PCT FULLTEXT

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00753851

SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR CREATING A VIRTUAL UNIVERSITY EXPERIENCE

CREATION D'UNE EXPERIENCE UNIVERSITAIRE VIRTUELLE. METHODE ET ARTICLE DE FABRICATION

Patent Applicant/Patent Assignee:

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NL; NL(Residence); NL(Nationality)
(For all designated states except: US)
- **BEAMS Brian R**; 571 Patriot Court, Gurnee, IL 60031
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(Designated only for: US)
- **HARRIS Scott B**; 714 Inverrary Lane, Deerfield, IL 60015
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(Designated only for: US)

Patent Applicant/Inventor:

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571 Patriot Court, Gurnee, IL 60031; US; US(Residence); US(Nationality); (Designated only for: US)
- **HARRIS Scott B**
714 Inverrary Lane, Deerfield, IL 60015; US; US(Residence); US(Nationality); (Designated only for: US)

Legal Representative:

- **STEPHENS L Keith**
Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746; US;

	Country	Number	Kind	Date
Patent	WO	200067234	A1	20001109
Application	WO	2000US12513		20000505
Priorities	US	99305874		19990505

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G09B-005/14	Main

Publication Language: English

Filing Language: English

Fulltext word count: 65738

English Abstract:

A system is disclosed that provides a goal based learning system utilizing a rule based expert training system to provide a cognitive educational experience. The system provides the user with a simulated environment that presents a training opportunity to understand and solve optimally. The technique establishes a virtual university by connecting a virtual university server and one or more users, selects a destination within the virtual university server to interact with the one or more users, couples the one or more users through the virtual university server based on the selected destination, and establishes interaction parameters for the one or more users based on the selected destination. The interaction techniques include rules for one to one correspondence and one to many. The destinations include a virtual classroom, administrative offices, virtual library and virtual student union. Additional support is provided for distributing grades, tests, homework materials, directory information and other classroom materials electronically.

French Abstract:

L'invention concerne un systeme d'apprentissage base sur l'objectif employant un systeme de formation expert base sur des regles pour fournir une experience educative et cognitive. Ce systeme apporte a l'utilisateur un environnement virtuel qui offre des possibilites optimales de formation pour comprendre et trouver des solutions. On peut creer grace a cette technique une universite virtuelle en connectant un serveur universitaire virtuel et un ou plusieurs utilisateurs, choisir une destination proposee par le serveur universitaire virtuel afin d'interagir avec l'un ou les utilisateurs, relier l'un ou les utilisateurs via le serveur universitaire virtuel selon la destination choisie. Enfin, on etablit des parametres interactifs pour l'un ou les utilisateurs en fonction de la destination choisie. Cette technique interactive comprend des regles permettant la correspondance entre utilisateurs deux par deux ou entre un utilisateur et plusieurs autres utilisateurs. La destination comprend une salle de cours virtuelle, des bureaux administratifs, une bibliotheque virtuelle et enfin un syndicat etudiant virtuel. Une aide complementaire est fournie pour distribuer des notes, des devoirs, de la documentation pour les devoirs a la maison, des informations generales ainsi que d'autres materiels de classe par communication electronique.

Type	Pub. Date	Kind	Text
Publication	20001109	A1	With international search report.
Publication	20001109	A1	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20010201		Request for preliminary examination prior to end of 19th month from priority date

Detailed Description:

...Protocol connection is established for two or more users. The connection is initiated by a user selecting another user's icon with information defining the **IP address** associated with the user.

The two **IP addresses** are connected utilizing H.323 for audio or video conferencing or T. 120 for application sharing, whiteboarding and **chat room** support.

The T. 120 **standard** contains a series of communication and application protocols and services that provide support for real-time, multipoint data communications. These multipoint facilities

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are important...

26/5K/9 (Item 9 from file: 349) [Links](#)

PCT FULLTEXT

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00753850

SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR CREATING A VIRTUAL CONSULTANT

SYSTEME, PROCEDE ET PRODUIT MANUFACTURE PERMETTANT DE CREER UN CONSEILLER VIRTUEL

Patent Applicant/Patent Assignee:

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Patent Applicant/Inventor:

- **BEAMS Brian R**
5972 St. Laurent Drive, Agoure Hill, CA 91301; US; US(Residence); US(Nationality);
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714 Inverrary Lane, Deerfield, IL 60015; US; US(Residence); US(Nationality);

Legal Representative:

- **MEECE Timothy C(et al)(agent)**
Banner & Witcoff, Ltd., 10 S. Wacker Drive, Chicago, IL 60606; US;

	Country	Number	Kind	Date
Patent	WO	200067233	A1	20001109
Application	WO	2000US12492		20000505
Priorities	US	99305931		19990505

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G09B-005/14	Main

Publication Language: English

Filing Language: English

Fulltext word count: 65133

English Abstract:

A system is disclosed that provides a goal based learning system utilizing a rule based expert training system to provide a cognitive educational experience. The system provides the user with a simulated environment that presents a training opportunity to understand and solve optimally. The technique establishes a virtual consultant by connecting a virtual consultant server and one or more users, selects a destination within the virtual consultant server to interact with the one or more users, couples the one or more users through the virtual consultant server based on the selected destination, and establishes interaction parameters for the one or more users based on the selected destination. The interaction techniques include rules for one to one correspondence and one to many. The destinations include a virtual classroom, administrative offices, virtual library and virtual student union. Additional support is provided for distributing grades, tests, homework materials, directory information and other classroom materials electronically.

French Abstract:

Cette invention concerne un systeme pedagogique base sur des objectifs utilisant un systeme expert d'apprentissage base sur des regles permettant de faire une experience educative cognitive. Le systeme fournit a l'utilisateur un environnement simule lui donnant la possibilite d'apprendre a comprendre et a resoudre des problemes de maniere optimale. La technique consiste a creer un conseiller virtuel par connexion d'un serveur de conseil virtuel avec un ou plusieurs utilisateurs, a choisir une destination a l'interieur du serveur de conseil virtuel dans le but de creer une interaction avec le/les utilisateur(s), a mettre en relation le/les utilisateur(s) via le serveur de conseil virtuel en se basant sur la destination choisie, a etablir des parametres d'interaction pour le(s) utilisateur(s) en se basant sur la destination choisie. Les techniques d'interaction comprennent les regles de correspondance un-a-un et un-a-plusieurs. Les destinations comprennent une salle de classe virtuelle, des bureaux administratifs, une bibliotheque virtuelle et une union des etudiants virtuelle. Il existe des formes d'assistance supplementaires permettant d'administrer electroniquement des notes, des tests, du travail personnel, des informations administratives et d'autres documents scolaires.

Type	Pub. Date	Kind	Text
Publication	20001109	A1	With international search report.
Publication	20001109	A1	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20010201		Request for preliminary examination prior to end of 19th month from priority date
Correction	20021128		Corrected version of Pamphlet:

Republication	20021128	A1	With international search report.
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Detailed Description:

...users. The connection is initiated by a user selecting another user's icon with information defining the EP address associated with the user.

The two **IP addresses** are connected utilizing H.323 for audio or video conferencing or T. 120 for application sharing, whiteboarding and **chat room** support.

The T. 120 **standard** contains a series of communication and application protocols and services that provide support for real-time, multipoint data communications. These multipoint facilities

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26/5K/10 (Item 10 from file: 349) [Links](#)

PCT FULLTEXT

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00753848

SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR CREATING A VIRTUAL CLASSROOM
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE PERMETTANT DE CREER UNE SALLE DE CLASSE
VIRTUELLE

Patent Applicant/Patent Assignee:

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NL; NL(Residence); NL(Nationality)
- **HARRIS Scott B**; 571 Patriot Court, Gurnee, IL 60031
US; US(Residence); US(Nationality)

Patent Applicant/Inventor:

- **BEAMS Brian R**
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- **HARRIS Scott B**
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Legal Representative:

- **STEPHENS L Keith**
Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746; US;

	Country	Number	Kind	Date
Patent	WO	200067231	A1	20001109
Application	WO	2000US12448		20000505
Priorities	US	99306468		19990505

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;

ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G09B-005/14	Main

Publication Language: English

Filing Language: English

Fulltext word count: 62400

English Abstract:

A system is disclosed that provides a goal based learning system utilizing a rule based expert training system to provide a cognitive educational experience. The system provides the user with a stimulated environment that presents a training opportunity to understand and solve optimally. The technique establishes a virtual classroom by connecting a virtual classroom server and one or more students utilizing a particular presentation type for instructing the one or more students that couples the students and the instructors through the virtual classroom server and establishes interaction parameters for the students and the instructors. The interaction techniques include rules for one to one correspondence and one to many. The presentation types include lecture, simulation, media, interactive browsing, slideshow, video or audio information. Additional support is provided for distributing grades, tests, homework materials and other classroom materials electronically.

French Abstract:

La presente invention concerne un systeme constituant un systeme d'apprentissage fonde sur des objectifs qui fait appel a un systeme expert d'apprentissage base sur des regles et qui permet a un utilisateur de faire une experience educative cognitive. Le systeme offre a l'utilisateur un environnement simule ou se presente une opportunit  d'apprentissage qu'il doit comprendre et resoudre de facon optimale. La technique consiste a creer une salle de classe virtuelle au moyen de la liaison d'un serveur de classe virtuelle et d'un ou plusieurs apprenants utilisant un type de presentation particulier pour instruire le ou les apprenants, cette technique reliant les apprenants et les professeurs a travers le serveur de classe virtuelle et etablissant des parametres d'interaction pour les apprenants et les professeurs. Les techniques d'interaction comprennent des regles pour la correspondance biunivoque et entre une et plusieurs personnes. Les types de presentation comprennent la conference, la simulation, les media, l'exploration interactive, le diaporama, les informations video ou audio. Un service supplementaire est prevu pour distribuer par voie electronique des notes, des tests, des devoirs et des sujets de devoirs et d'autres sujets d'etude pour la classe.

Type	Pub. Date	Kind	Text
Publication	20001109	A1	With international search report.
Publication	20001109	A1	Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination	20010125		Request for preliminary examination prior to end of 19th month from priority date

Detailed Description:

...Protocol connection is established for two or more users. The connection is initiated by a user selecting another user's icon with information defining the **IP address** associated with the user.

The two **IP addresses** are connected utilizing H.323 for audio or video teleconferencing or T. 120 for application sharing, whiteboarding and **chat room** support.

The T. 120 **standard** contains a series of communication and application protocols and services that provide support for real-time, multipoint data communications. These multipoint facilities

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26/5K/11 (Item 11 from file: 349) [Links](#)

PCT FULLTEXT

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00753847

**SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR CREATING COLLABORATIVE
SIMULATIONS WITH MULTIPLE ROLES FOR A SINGLE STUDENT**

**SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE CREER DES SIMULATIONS COLLECTIVES DE
PLUSIEURS ROLES A DESTINATION D'UN SEUL ETUDIANT**

Patent Applicant/Patent Assignee:

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US; US(Residence); US(Nationality)
(Designated only for: US)

Patent Applicant/Inventor:

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Legal Representative:

- **MEECE Timothy C(agent)**
Banner & Witcoff, Ltd., 10 South Wacker Drive, 30th floor, Chicago, IL 60606-7407; US;

	Country	Number	Kind	Date
Patent	WO	200067230	A1	20001109
Application	WO	2000US12442		20000505
Priorities	US	99306465		19990505

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G09B-005/14	Main
G09B-007/04	

Publication Language: English

Filing Language: English

Fulltext word count: 64826

English Abstract:

A system is disclosed that provides a goal based learning system utilizing a rule based expert training system to provide a cognitive educational experience. The system provides the user with a simulated environment that presents a training opportunity to understand and solve optimally. Mistakes are noted and remedial educational material presented dynamically to build the necessary skills that a user requires for success in the business endeavor. The system utilizes an artificial intelligence engine driving individualized and dynamic feedback with synchronized audio, video, graphics and animation used to simulate real-world environment and interactions. Multiple "correct" answers are integrated into the learning system to allow individualized learning experiences in which navigation through the system is at a pace controlled by the learner. Multiple "roles" are also available for the student to learn from each simulated environment from multiple viewpoints. A robust business model provides support for realistic activities and allows a user to experience real world consequences for their actions and decisions and entails realtime decision-making and synthesis of the educational material. A dynamic feedback system is utilized that narrowly tailors feedback and focuses it based on the performance and characteristics of the student to assist the student in reaching a predefined goal.

French Abstract:

L'invention concerne un systeme constituant un systeme pedagogique base sur des objectifs utilisant un systeme expert d'apprentissage base sur des regles permettant a un utilisateur de faire une experience educative cognitive. Le systeme fournit a l'utilisateur un environnement simule representant une possibilite pedagogique qu'il doit comprendre et resoudre de facon optimale. Les erreurs de l'utilisateur sont notees et des auxiliaires didactiques correctifs lui sont presentes de facon dynamique de maniere que l'utilisateur acquiere les competences necessaires dont il a besoin pour reussir dans toute entreprise commerciale. Le systeme utilise un outil d'intelligence artificielle commandant un retour d'informations individualise et dynamique, des elements video, audio, graphiques, et d'animations synchronises etant utilises pour simuler un environnement et des interactions reels. Plusieurs reponses "correctes" sont integrees dans le systeme pedagogique dans le but de permettre des experiences pedagogiques individualisees, caracterisees en ce que l'eleve navigue a travers le systeme a son rythme. Des <= roles >= multiples sont egalement disponibles de maniere que l'etudiant tire les lecons de chaque environnement simule a divers points de vue. Un modele commercial robuste, qui sert de support a des activites realistes, permet a l'utilisateur de mesurer les consequences de ses actions et de ses decisions dans un environnement reel, donnant ainsi lieu a une prise de decision et a la synthese en temps reel des auxiliaires didactiques. A cet effet, on utilise un systeme de retour d'informations dynamique qui permet de personnaliser le retour d'informations et de le cibler de maniere tres precise en fonction des performances et des caracteristiques de l'etudiant, afin d'aider ce dernier a atteindre un objectif

predefini.

Type	Pub. Date	Kind	Text
Publication	20001109	A1	With international search report.
Examination	20010201		Request for preliminary examination prior to end of 19th month from priority date
Examination	20010510		Request for preliminary examination prior to end of 19th month from priority date
Correction	20010726		Corrected version of Pamphlet:
Republication	20010726	A1	With international search report.

Detailed Description:

...Protocol connection is established for two or more users. The connection is initiated by a user selecting another user's icon with information defining the **IP address** associated with the user.

The two **IP addresses** are connected utilizing H.323 for audio or video conferencing or T. 120 for application sharing, whiteboarding and **chat room** support.

The T. 120 **standard** contains a series of communication and application protocols and services that provide support for real-time, multipoint data communications. These multipoint facilities are important building...

26/5K/12 (Item 12 from file: 349) [Links](#)

PCT FULLTEXT

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00753844

SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR CREATING COLLABORATIVE APPLICATION SHARING

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR LA CREATION D'UN PARTAGE D'APPLICATIONS EN COLLABORATION

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(For all designated states except: US)
- **BEAMS Brian R**; 571 Patriot Court, Gurnee, IL 60031
US; US(Residence); US(Nationality)
(Designated only for: US)
- **HARRIS Scott B**; 714 Inverrary Lane, Deerfield, IL 60015
US; US(Residence); US(Nationality)
(Designated only for: US)

Patent Applicant/Inventor:

- **BEAMS Brian R**
571 Patriot Court, Gurnee, IL 60031; US; US(Residence); US(Nationality); (Designated only for: US)
- **HARRIS Scott B**
714 Inverrary Lane, Deerfield, IL 60015; US; US(Residence); US(Nationality); (Designated only for: US)

Legal Representative:

- **STEPHENS L Keith**
Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746; US;

	Country	Number	Kind	Date
Patent	WO	200067227	A1	20001109
Application	WO	2000US12289		20000505
Priorities	US	99305719		19990505

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G09B-005/14	Main
G09B-007/04	
G06F-017/60	

Publication Language: English

Filing Language: English

Fulltext word count: 66555

English Abstract:

A system is disclosed that provides a goal based learning system utilizing a rule based expert training system to provide a cognitive educational experience. The system provides the user with a simulated environment that presents a training opportunity to understand and solve optimally. The technique establishes a collaborative training session, including the steps of establishing a network connection between a plurality of users, selecting a mode for the network connection between the plurality of users, establishing a network connection mode between the plurality of users, and synchronizing the mode between the plurality of users. Modes of operation include application sharing, whiteboarding, media sharing, newsgroup information sharing, chatroom initiation and discussion group initiation.

French Abstract:

L'invention concerne un systeme qui permet un apprentissage oriente objectifs au moyen d'un systeme de formation fonde sur des regles et destine a offrir une experience educative cognitive. Ce systeme propose a l'utilisateur un environnement simule qui offre une possibilite de formation permettant de comprendre et de resoudre de maniere optimale. Le procede etablit une session de formation en collaboration au moyen des etapes suivantes: etablisement d'une connexion reseau entre une pluralite d'utilisateurs, selection d'un mode pour la connexion reseau entre les divers utilisateurs, determination d'un mode de connexion reseau entre les divers utilisateurs et synchronisation du mode entre les divers utilisateurs. Les modes de fonctionnement comprennent le partage d'applications, le mode de transmission "tableau blanc", le partage de supports, le partage d'informations par forums de discussion, l'introduction au bavardage en ligne et l'introduction a des forums de discussion.

Type	Pub. Date	Kind	Text
Publication	20001109	A1	With international search report.
Examination	20010208		Request for preliminary examination prior to end of 19th month from priority date

Detailed Description:

...Protocol connection is established for two or more users. The connection is initiated by a user selecting another user's icon with information defining the **IP address** associated with the user.

The two **IP addresses** are connected utilizing H.323 for audio or video teleconferencing or T. 120 for application sharing, whiteboarding and **chat room** support.

The T. 120 **standard** contains a series of communication and application protocols and services that provide support for real-time, multipoint data communications. These multipoint facilities are important building...

26/5K/13 (Item 13 from file: 349) [Links](#)

PCT FULLTEXT

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00753843

**SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR CREATING INTERACTIVE
SIMULATIONS UTILIZING A REMOTE KNOWLEDGE BASE**

**SYSTEME, PROCEDE ET ARTICLE FABRIQUE PERMETTANT DE CREER DES SIMULATIONS
INTERACTIVES A L'AIDE D'UNE BASE DE CONNAISSANCES A DISTANCE**

Patent Applicant/Patent Assignee:

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NL; NL(Residence); NL(Nationality)
- **BEAMS Brian R**; Parkstraat 83, NL-2514 JB, 'S Gravenhage The Hague
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- **HARRIS Scott B**; 571 Patriot Court, Gurnee, IL 60031
US; US(Residence); --(Nationality)

Patent Applicant/Inventor:

- **BEAMS Brian R**
Parkstraat 83, NL-2514 JB, 'S Gravenhage The Hague; NL; NL(Residence); NL(Nationality);
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571 Patriot Court, Gurnee, IL 60031; US; US(Residence); --(Nationality);

Legal Representative:

- **STEPHENS L Keith**
Hickman Stephens Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746; US;

	Country	Number	Kind	Date
Patent	WO	200067226	A1	20001109
Application	WO	2000US12286		20000505
Priorities	US	99305877		19990505

Designated States: (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG;
ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Main International Patent Classes (Version 7):

IPC	Level
G09B-005/14	Main
G09B-007/04	
G09B-019/18	

Publication Language: English

Filing Language: English

Fulltext word count: 64973

English Abstract:

A system is disclosed that provides a goal based learning system utilizing a rule based expert training system to provide a cognitive educational experience. The system provides the user with a simulated environment that presents a training opportunity to understand and solve optimally. Mistakes are noted and remedial educational material presented dynamically to build the necessary skills that a user requires for success in the business endeavor. The difficulty level is automatically adjusted to the student's skill level. The system utilizes an artificial intelligence engine driving individualized and dynamic feedback with synchronized audio, video, graphics and animation used to simulate real-world environment and interactions. Multiple "correct" answers are integrated into the learning system to allow individualized learning experiences in which navigation through the system is at a pace controlled by the learner. A robust business model provides support for realistic activities and allows a user to experience real world consequences for their actions and decisions and entails realtime decision-making and synthesis of the educational material. A dynamic feedback system is utilized that narrowly tailors feedback and focuses it based on the performance and characteristics of the student to assist the student in reaching a predefined goal.

French Abstract:

L'invention concerne un systeme constituant un systeme pedagogique base sur un objectif utilisant un systeme expert d'apprentissage base sur des regles permettant a un utilisateur de faire une experience educative cognitive. Le systeme fournit a l'utilisateur un environnement simule representant une possibilite pedagogique qu'il doit comprendre et resoudre de facon optimale. Les erreurs de l'utilisateur sont notees et des auxiliaires didactiques correctifs lui sont presentes de facon dynamique de maniere que l'utilisateur acquiere les competences necessaires dont il a besoin pour reussir dans toute entreprise commerciale. Le niveau de difficulte est automatiquement ajuste pour correspondre au niveau de competences de l'etudiant. Le systeme utilise un outil d'intelligence artificielle commandant un retour d'informations individualise et dynamique, des elements video, audio, graphiques, et d'animations synchronises etant utilises pour simuler un environnement et des interactions reels. Plusieurs reponses "correctes" sont integrees dans le systeme pedagogique dans le but de permettre des experiences pedagogiques individualisees, caracterisees en ce que l'eleve navigue a travers le systeme a son rythme. Un modele commercial robuste, qui sert de support a des activites realistes, permet a l'utilisateur de mesurer les consequences de ses actions et de ses decisions dans un environnement reel, donnant ainsi lieu a une prise de decision et a la synthese en temps reel des auxiliaires didactiques. A cet effet, on utilise un systeme de retour d'informations dynamique qui permet de personnaliser le retour d'informations et de le cibler de maniere tres precise en fonction des performances et des caracteristiques de l'etudiant, afin d'aider ce dernier a atteindre un objectif predefini.

Type	Pub. Date	Kind	Text
Publication	20001109	A1	With international search report.

Detailed Description:

...Protocol connection is established for two or more users. The connection is initiated by a user selecting another user's icon with information defining the **IP address** associated with the user.

The two **IP addresses** are connected utilizing H.323 for audio or video teleconferencing or T. 120 for application sharing, whiteboarding and **chat room** support.

The T. 120 **standard** contains a series of communication and application protocols and services that provide support for real-time, multipoint data communications. These multipoint facilities are important building..

Set	Items	Description
S1	178100	S COLLABORATION OR COLLABORATE? ? OR COLLABORATING
S2	2186385	S CONFERENCE? ? OR TRADE OR TRADING OR ECOMMERCE OR E()COMMERCE
S3	817335	S ROOM OR ROOMS
S4	201721	S (S1 OR S2 OR SHARE? ? OR TEAM OR TEAMS OR GROUP? ?) (3N) (SECTOR? ? OR AREA? ? OR SECTION? ? OR SESSION? ? OR SPACE OR SPACES)
S5	513	S BUSINESS() (PROTOCOL? ? OR STANDARD? ?)
S6	12851	S ROSETTANET OR EDI OR ELECTRONIC()DATA()EXCHANGE OR XOCP OR (XML OR EXTENSIBLE()MARKUP()LANGUAGE) ()OPEN()COLLABORATION()PROTOCOL? ?
S7	14146	S URL? ? OR RESOURCE()LOCATOR? ? OR (IP OR INTERNET OR NETWORK OR WWW OR WORLDWIDE()WEB OR WEBPAGE? ? OR WEBSITE? ?) (2W)ADDRESS??
S8	56164	S (CONVERSATION? ? OR CHAT OR CHATTING OR COMMUNICATION? ? OR COMMUNICATING OR EXCHANGING OR MESSAGE? ? OR MESSAGING OR MESSENGER) (3N) (SECTOR? ? OR AREA? ? OR SECTION? ? OR SESSION? ? OR SPACE OR SPACES)
S9	0	S (S3 OR S4 OR S8) (10N) (S5 OR S6) (10N) S7
S10	7	S (S3 OR S4 OR S8) (10N) (PROTOCOL? ? OR STANDARD? ?) (10N) S7
S11	7	RD (unique items)
S12	122	S (S3 OR S4 OR S8) AND (PROTOCOL? ? OR STANDARD? ?) AND S7
S13	54	S S12 NOT PY>2000
S14	42	RD (unique items)
S15	9	S S12 AND (S1 OR S2)
S16	4	S S15 NOT PY>2000
S17	4	RD (unique items)

; show files

[File 8] **Ei Compendex(R)** 1884-2007/Mar W4
(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2007/Mar
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 65] **Inside Conferences** 1993-2007/Apr 03
(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 2] **INSPEC** 1898-2007/Mar W3
(c) 2007 Institution of Electrical Engineers. All rights reserved.

[File 111] **TGG Natl.Newspaper Index(SM)** 1979-2007/Mar 29
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[File 6] **NTIS** 1964-2007/Apr W1
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[File 144] **Pascal** 1973-2007/Mar W4
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[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
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[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Mar W4
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[File 62] **SPIN(R)** 1975-2007/Mar W3
(c) 2007 American Institute of Physics. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Feb
(c) 2007 The HW Wilson Co. All rights reserved.

[File 95] **TEME-Technology & Management** 1989-2007/Apr W1
(c) 2007 FIZ TECHNIK. All rights reserved.

[File 56] **Computer and Information Systems Abstracts** 1966-2007/Mar
(c) 2007 CSA. All rights reserved.

[File 57] **Electronics & Communications Abstracts** 1966-2007/Mar
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[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2007/Mar
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[File 266] **FEDRIP** 2007/Mar
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[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13
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**File 583: This file is no longer updating as of 12-13-2002.*

[File 256] **TecInfoSource** 82-2007/Oct
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[File 474] **New York Times Abs** 1969-2007/Apr 02
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[File 475] **Wall Street Journal Abs** 1973-2007/Apr 02
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17/5/2 (Item 2 from file: 8) **Links**

Ei Compendex(R)

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07623851 E.I. No: EIP97023518786

Title: Proceedings of the 1996 2nd Annual International Conference on Mobile Computing and Networking

Author: Anon (Ed.)

Conference Title: Proceedings of the 1996 2nd Annual International Conference on Mobile Computing and Networking

Conference Location: Rye, NY, USA **Conference Date:** 19961110-19961112

Sponsor: ACM; SIGMOBILE; SIGCOMM; SIGMETRICS; SIGOPS; et al

E.I. Conference No.: 45968

Source: Proceedings of the Annual International Conference on Mobile Computing and Networking, MOBICOM 1996.. 197p

Publication Year: 1996

CODEN: 002378

Language: English

Document Type: CP; (Conference Proceedings) **Treatment:** A; (Applications); G; (General Review); T; (Theoretical)

Journal Announcement: 9704W1

Abstract: The proceedings contains 18 papers from the Second Annual International **Conference** on Mobile Computing and Networking. Topics discussed include: header compression methods; multi access links; multicast **communication**; **space communication** environment; data rates; data corruption; transparent routing; location management techniques; mobility patterns; wireless extensions; mobile resources; hierarchical mobility management; hands-off **protocols**; spectrum sharing; dynamic load balancing methods; channel borrowing algorithms; WebExpress systems; **Internet** security; **address resolution protocol**; floor requests; collision avoidance and resolution multiple access **protocols**; and tree splitting algorithms.

Descriptors: *Mobile telecommunication systems; Network **protocols**; Radio communication; Telecommunication links; Telecommunication traffic; Congestion control (communication); Asynchronous transfer mode; Local area networks; Wide area networks; Channel capacity

Identifiers: Transport control **protocol**/Internet **protocol**; **Space communication protocol standards**/transport **protocol**; Hierarchical profile replication (HiPER); Collocated systems; Cyberguide project; Hyper text transport **protocol** (HTTP); Personal digital assistants (PDA); Medium access control (MAC); Floor acquisition multiple access (FAMA); EiRev

Classification Codes:

716.3 (Radio Systems & Equipment); 716.1 (Information & Communication Theory); 723.5 (Computer Applications); 723.2 (Data Processing)

716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software)

71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING)

17/5/3 (Item 3 from file: 8) [Links](#)

Ei Compendex(R)

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07591409 E.I. No: EIP97013486761

Title: Visualizing the global topology of the MBone

Author: Munzner, Tamara; Hoffman, Eric; Claffy, K.; Fenner, Bill

Corporate Source: Stanford Univ, Stanford, CA, USA

Conference Title: Proceedings of the 1996 IEEE Symposium on Information Visualization

Conference Location: San Francisco, CA, USA **Conference Date:** 19961028-19961029

Sponsor: IEEE

E.I. Conference No.: 45791

Source: Proceedings of the Information Visualization Conference 1996. IEEE, Piscataway, NJ, USA, 96TB100083. p 85-92

Publication Year: 1996

CODEN: 002219

Language: English

Document Type: CA; (Conference Article) **Treatment:** G; (General Review); T; (Theoretical)

Journal Announcement: 9702W4

Abstract: We present a case study of visualizing the global topology of the Internet MBone. The MBone is the Internet's multicast backbone. Multicast is the most efficient way of distributing data from one sender to multiple receivers with minimal packet duplication. Developed and initially deployed by researchers within the Internet community, the MBone has been extremely popular for efficient transmission across the Internet of real-time video and audio streams such as **conferences**, meetings, congressional **sessions**, and NASA shuttle launches. The MBone, like the Internet itself, grew exponentially with no central authority. The resulting suboptimal topology is of growing concern to network providers and the multicast research community. We create a geographic representation of the tunnel structure as arcs on a globe by resolving the latitude and longitude of MBone routers. The interactive 3D maps permit an immediate understanding of the global structure unavailable from the data in its original form as lines of text with only hostnames and **IP addresses**. Data visualization techniques such as grouping and thresholding allow further analysis of specific aspects of the MBone topology. We distribute the interactive 3D maps through the World-Wide Web using the VRML file format, thus allowing network maintainers throughout the world to analyze the structure more effectively than would be possible with still pictures or pre-made videos. (Author abstract) 12 Refs.

Descriptors: *Interactive computer graphics; Computer networks; Packet networks; Distributed database systems; Network **protocols**; Data structures; Visualization; Three dimensional computer graphics; Data acquisition; Graphical user interfaces

Identifiers: Internet multicast backbone; Information visualization

Classification Codes:

723.5 (Computer Applications); 723.3 (Database Systems); 723.2 (Data Processing); 722.2 (Computer Peripheral Equipment)

723 (Computer Software); 716 (Radar, Radio & TV Electronic Equipment) ; 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS)

Set	Items	Description
S1	1360457	S COLLABORATION OR COLLABORATE? ? OR COLLABORATING
S2	12345138	S CONFERENCE? ? OR TRADE OR TRADING OR ECOMMERCE OR E()COMMERCE
S3	345212	S (S1 OR S2) (50N) (ROOM OR ROOMS)
S4	991148	S (S1 OR S2 OR CONVERSATION? ? OR CHAT OR CHATTING OR COMMUNICATION? ? OR COMMUNICATING OR EXCHANGING OR MESSAGE? ? OR MESSAGING OR MESSENGER OR SHARE? ? OR TEAM OR TEAMS OR GROUP? ?) (3N) (SECTOR? ? OR AREA? ? OR SECTION? ? OR SESSION? ? OR SPACE OR SPACES)
S5	8344713	S (PROTOCOL? ? OR STANDARD? ?)
S6	141365	S ROSETTANET OR EDI OR ELECTRONIC()DATA()EXCHANGE OR XOCF OR (XML OR EXTENSIBLE()MARKUP()LANGUAGE()OPEN()COLLABORATION()PROTOCOL? ?
S7	1424811	S URL? ? OR RESOURCE()LOCATOR? ? OR (IP OR INTERNET OR NETWORK OR WWW OR WORLDWIDE()WEB OR WEBPAGE? ? OR WEBSITE? ?) (2W)ADDRESS??
S8	110	S (S3 OR S4) (10N) (S5 OR S6) (10N) S7
S9	70	S S8 NOT PY>2000
S10	42	RD (unique items)
S11	14014	S BUSINESS()S5
S12	44	S (S3 OR S4) (10N) (S11 OR S6) (10N) S7
S13	44	S S12 NOT PY>2000
S14	9	RD (unique items)
S15	20	S S10 (50N) (S1 OR S2)
S16	20	S S15 NOT PY>2000
S17	16	S S16 NOT S14
S18	16	RD (unique items)

; show files

[File 369] **New Scientist** 1994-2007/Nov W4
(c) 2007 Reed Business Information Ltd. All rights reserved.

[File 160] **Gale Group PROMT(R)** 1972-1989
(c) 1999 The Gale Group. All rights reserved.

[File 635] **Business Dateline(R)** 1985-2007/Apr 03
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[File 15] **ABI/Inform(R)** 1971-2007/Apr 03
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[File 16] **Gale Group PROMT(R)** 1990-2007/Apr 02
(c) 2007 The Gale Group. All rights reserved.

[File 9] **Business & Industry(R)** Jul/1994-2007/Apr 02
(c) 2007 The Gale Group. All rights reserved.

[File 810] **Business Wire** 1986-1999/Feb 28
(c) 1999 Business Wire . All rights reserved.

[File 610] **Business Wire** 1999-2007/Apr 03
(c) 2007 Business Wire. All rights reserved.
**File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 647] **CMP Computer Fulltext** 1988-2007/Jun W3
(c) 2007 CMP Media, LLC. All rights reserved.

[File 98] **General Sci Abs** 1984-2007/Mar

(c) 2007 The HW Wilson Co. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Mar 23
(c) 2007 The Gale Group. All rights reserved.

[File 634] **San Jose Mercury** Jun 1985-2007/Mar 29
(c) 2007 San Jose Mercury News. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Apr 02
(c) 2007 The Gale Group. All rights reserved.

[File 47] **Gale Group Magazine DB(TM)** 1959-2007/Mar 23
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[File 75] **TGG Management Contents(R)** 86-2007/Mar W4
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[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Apr 02
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[File 624] **McGraw-Hill Publications** 1985-2007/Apr 03
(c) 2007 McGraw-Hill Co. Inc. All rights reserved.

**File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

[File 484] **Periodical Abs Plustext** 1986-2007/Mar W4
(c) 2007 ProQuest. All rights reserved.

[File 613] **PR Newswire** 1999-2007/Apr 03
(c) 2007 PR Newswire Association Inc. All rights reserved.

**File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.*

[File 813] **PR Newswire** 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 141] **Readers Guide** 1983-2007/Jan
(c) 2007 The HW Wilson Co. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.

**File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 696] **DIALOG Telecom. Newsletters** 1995-2007/Apr 02
(c) 2007 Dialog. All rights reserved.

[File 553] **Wilson Bus. Abs.** 1982-2007/Mar
(c) 2007 The HW Wilson Co. All rights reserved.

[File 621] **Gale Group New Prod. Annou.(R)** 1985-2007/Apr 02
(c) 2007 The Gale Group. All rights reserved.

[File 674] **Computer News Fulltext** 1989-2006/Sep W1

(c) 2006 IDG Communications. All rights reserved.

**File 674: File 674 is closed (no longer updates).*

[File 476] **Financial Times Fulltext** 1982-2007/Apr 03

(c) 2007 Financial Times Ltd. All rights reserved.

[File 570] **Gale Group MARS(R)** 1984-2007/Apr 02

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18/3,K/2 (Item 2 from file: 15) Links

ABI/Inform(R)

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01321725 99-71121

Powerscourt solution paves the way

Kanellos, Michael

Computer Reseller News n705 pp: 105-108

Oct 14, 1996

ISSN: 0893-8377 **Journal Code: CRN**

Word Count: 527

Text:

...on proprietary videoconferencing systems like Intel Corp.'s ProShare, it is easier to adopt. The software only requires a 28.8 modem, works on the **standard** platforms, and can be carried on most communication networks.

The only problem with CU SeeMe on its own is that **conference** security cannot be maintained, he said. Virtually anyone can walk in and out of a **conference** if held generally on the **Internet**. Identifying data-**addresses**, phone numbers, **URLs**-of legitimate users also can be taken.

In addition, access to the public reflectors (videoconference **rooms**) is not secure, he added. That is where Powerscourt comes in. By setting up password-encoded **conference rooms** on its own servers, Powerscourt can control access. "You can have a sales manager and his 10 representatives," Towey said.

The potential for the technology...

18/3,K/3 (Item 1 from file: 16) Links

Gale Group PROMT(R)

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06147770 Supplier Number: 53929928 (USE FORMAT 7 FOR FULLTEXT)

TAPI 3.0 Tutorial.

Grigonis, Richard

Computer Telephony , v 7 , n 2 , p 64(1)

Feb , 1999

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 2616

...Locator Service (ILS), a real-time server component of the NT Directory Service (NT DS).

The IP Multicast Conferencing TSP is mostly responsible for resolving **conference** names to **IP** multicast **addresses** using the IETF **standard Session Description Protocol (SDP)** **conference** descriptors stored in the ILS Conferencing Server.

It is complemented by the so-called "Rendezvous" **conference** controls, which are a set of COM components that abstract the concept of a **conference** directory, providing a mechanism to advertise new multiparty **conferences** and to discover existing ones. You can manipulate **conferences** stored on an ILS Conference Server via the Rendezvous Controls.

IP Multicast is designed to scale as the number of participants and collaborations expand -- adding...

18/3,K/8 (Item 2 from file: 148) Links

Gale Group Trade & Industry DB

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09839305 **Supplier Number:** 19723544 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CU-SeeMe to freshen face. (version 3.1 of White Pine Software's videoconferencing software)(Product Announcement)(Brief Article)

Cortinas, Marty

MacWEEK , v11 , n33 , p19(1)

August 25 , 1997

Document Type: Product Announcement Brief Article

ISSN: 0892-8118

Language: English

Record Type: Fulltext

Word Count: 283 **Line Count:** 00026

...October.

CU-SeeMe 3.1 will feature an improved Phone Book that uses Four11 Corp.'s Web Directory to find available parties online and initiate **conference** connections.

Contact Cards in the Phone Book can be arranged in custom groups and shared with other users. They will also be compliant with the Versit vCard electronic business-card **standard**.

The Contact Cards can include graphics and **URLs**. A CU-SeeMe assistant will help with the creation of the cards.

CU-SeeMe 3.1's **Conference Room** will include multiple
resizable

Chat
windows and allow users to highlight and launch **URLs** from the
window.

Users will be able to change the layout of the **Conference
Room**, add

color and generate a list of participants with icons denoting status in the **conference**.

A new control panel will let users manage user and network connection profiles, directory services, and parental controls.

For example, users will be able to...

18/3,K/10 (Item 1 from file: 275) [Links](#)

Gale Group Computer DB(TM)

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02092616 **Supplier Number:** 19682453 (Use Format 7 Or 9 For FULL TEXT)

Talk of the Internet. (Internet chat software from Magma Communications, E-Pub Services, eShare Technologies, The Palace, ichat, Ubique and Volano LLC) (includes related articles on the editors' choice, instant messaging products, and virtual-office products)(Your Personal Internet) (Software Review)(Cover Story)(Evaluation)

Herel, Heath H.; Freed, Les; Canter, Sheryl; Munro, Jay; Lidsky, David

PC Magazine , v16 , n15 , p181(8)

Sep 9 , 1997

Document Type: Cover Story Evaluation

ISSN: 0888-8507

Language: English **Record Type:** Fulltext; Abstract

Word Count: 4545 **Line Count:** 00343

...and exchange messages, calendars, and other data with other HotOffice users in your company. You access your HotOffice virtual office via the Internet, using any **standard** browser..

Instinctive Technology's eRoom (Price not yet determined at press time, www.instinctive.com) acts as a virtual **conference room** where your workgroup can share files and make decisions. eRoom sits on top of your Windows NT server running IIS. Any user can set up an eRoom and name it, and the program will generate a **URL** for it. You can then invite people to your **room** and design it. A wizard produces page templates for various work aspects such as folders, notes, and polling.

Once in your eRoom, you can use...

18/3,K/11 (Item 2 from file: 275) Links

Gale Group Computer DB(TM)

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02005764 **Supplier Number:** 18871931 (Use Format 7 Or 9 For FULL TEXT)

Enhanced Cu-SeeMe Reflector. (from White Pine Software) (Software Review)(Brief Article)(Evaluation)

Lyon, Jack

PC/Computing , v9 , n12 , p292(1)

Dec , 1996

Document Type: Brief Article Evaluation

ISSN: 0899-1847

Language: English **Record Type:** Fulltext

Word Count: 283 **Line Count:** 00025

...on any public reflector site. But you won't have any privacy, and there's no guarantee that a public reflector site will have enough **room** for everyone to meet.

The reflector version of Enhanced Cu-SeeMe is specifically for private **conferences** between two or more people. Setup is simple: Load the software on an NT server and specify your **Internet protocol address**. If you're serious about videoconferencing as a **collaboration** tool, streamline the software by specifying who has access, the best video throughput for your network, and so on.

All these options don't come...

18/3,K/12 (Item 1 from file: 47) Links

Gale Group Magazine DB(TM)

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04355508 **Supplier Number:** 17513031 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Share a virtual whiteboard. (Insitu Conference)(Do-It-Yourself Workgroup Software) (Software Review)(Evaluation)

Lawrencece, Bill

PC World , v13 , n10 , p118(1)

Oct , 1995

Document Type: Evaluation

ISSN: 0737-8939

Language: English **Record Type:** Fulltext; Abstract

Word Count: 494 **Line Count:** 00044

...paper or a whiteboard if we were meeting in the same room," O'Hara says.
"The fax machine just doesn't cut it anymore."

Insitu **Conference** lets multiple colleagues not only view and mark up documents remotely, but actively **collaborate** in developing them, and it works with the hardware they already own. It does require that your PC be equipped with the TCP/IP **protocol**.

Setting Up **Sessions**

Insitu **Conference** comes on two diskettes and is simple to set up and use. (One exception: You do have to know your TCP/**IP address** or network and host name if your network supports TCP/IP name resolution.)

To launch a **conference**, you enter the names you've assigned to fellow Insitu users plus their TCP/IP network addresses (such as 128.213.56.90) or TCP...

18/3,K/13 (Item 1 from file: 636) Links

Gale Group Newsletter DB(TM)

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03245325 **Supplier Number: 46657097 (USE FORMAT 7 FOR FULLTEXT)**

CONNECTIX: Connectix announces Connectix VideoPhone 2.0 for Windows 3.x, Windows 95, WindowsNT and MacOS

M2 Presswire , p N/A

August 27 , 1996

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 936

...video-conferencing experience a simple and effective solution to local and area-wide communications.

Connectix VideoPhone 2.0 now incorporates the User Location Service (ULS) **protocol** to let users know who is available and ready to call on the **Internet**, a graphical **address** book with integrated web browser support, and direct links to Four11, an online address directory. Version 2.0 also supports auto-negotiation of many **conference** settings, including bandwidth availability during calls.

"The goal in designing Connectix VideoPhone 2.0 was to make the user interface increasingly easy-to-use and...

18/3,K/14 (Item 2 from file: 636) Links
Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rights reserved.
03238990 **Supplier Number: 46642489 (USE FORMAT 7 FOR FULLTEXT)**

WEBPHONE 2.0 AVAILABLE.

Voice Technology & Services News , v 15 , n 17 , p N/A
August 20 , 1996

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 174

(USE FORMAT 7 FOR FULLTEXT)

Text:

...to one another using their Internet Protocol address, which means their servers are linked directly. Internet Phone users meet in a voice-enabled Internet chat **room** to talk. WebPhone 2.0 added the TrueSpeech audio codec from Bell Labs of Basking Ridge, N.J., for improved sound quality. WebPhone also offers on-hold music through the Windows MIDI interface, an on-line text addition to **conference** calling and a help application. The product is \$49.95 and can be purchased from the home page or from more than 50 Internet Service...

18/3,K/16 (Item 1 from file: 553) · [Links](#)

Wilson Bus. Abs.

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04512072 H.W. Wilson Record Number: BWBA01012072

E2open makes grand entrance: powerful backing propels e-marketplace.

Karpinski, Richard

B to B v. 85 no14 (Sept. 11 2000) p. 1, 41

Language: English

Abstract: ...on \$1 trillion in annual spending--it could be the largest e-marketplace of its kind. Ultimately, it aims to offer services in four different **areas**: design win **collaboration**, maintenance, repair, and operation **Internet protocol addresses**.